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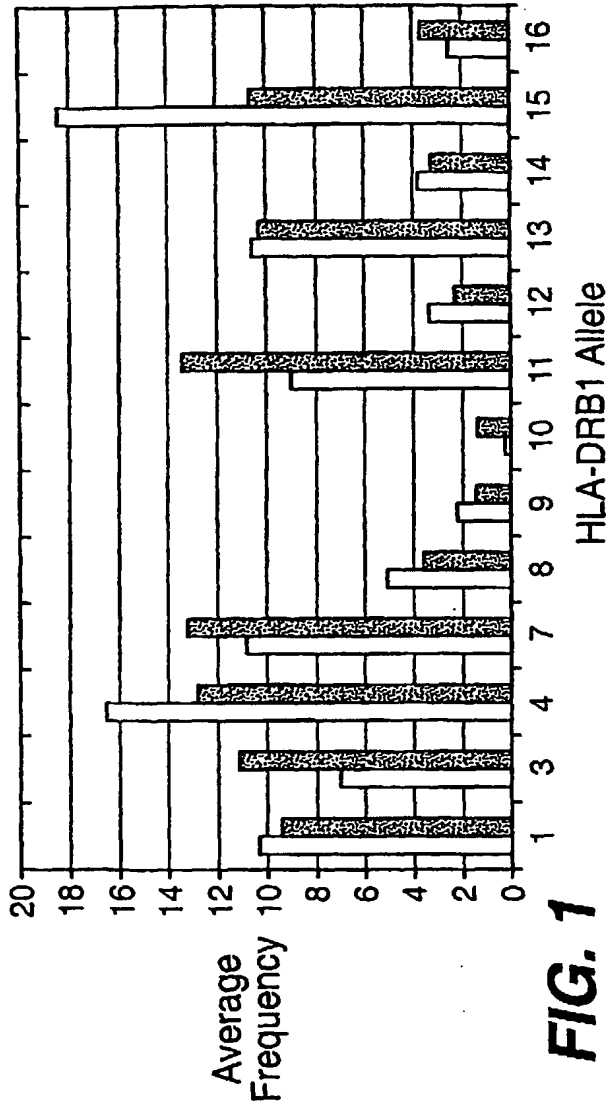


FIG. 1

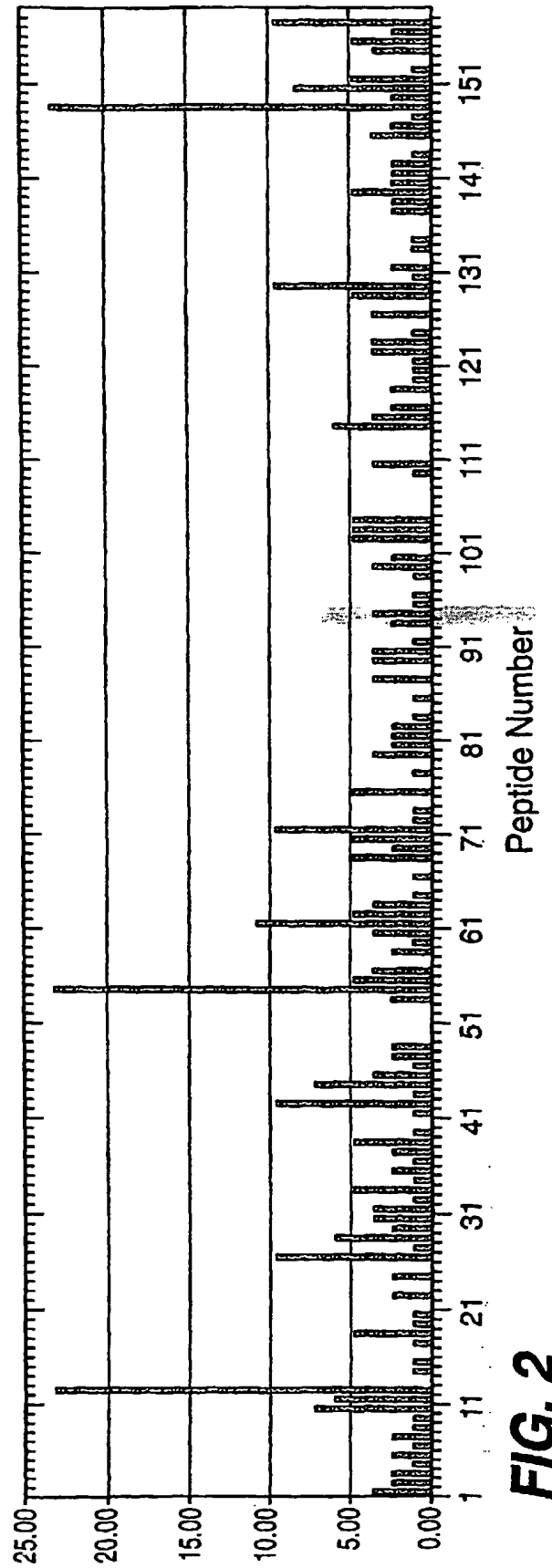
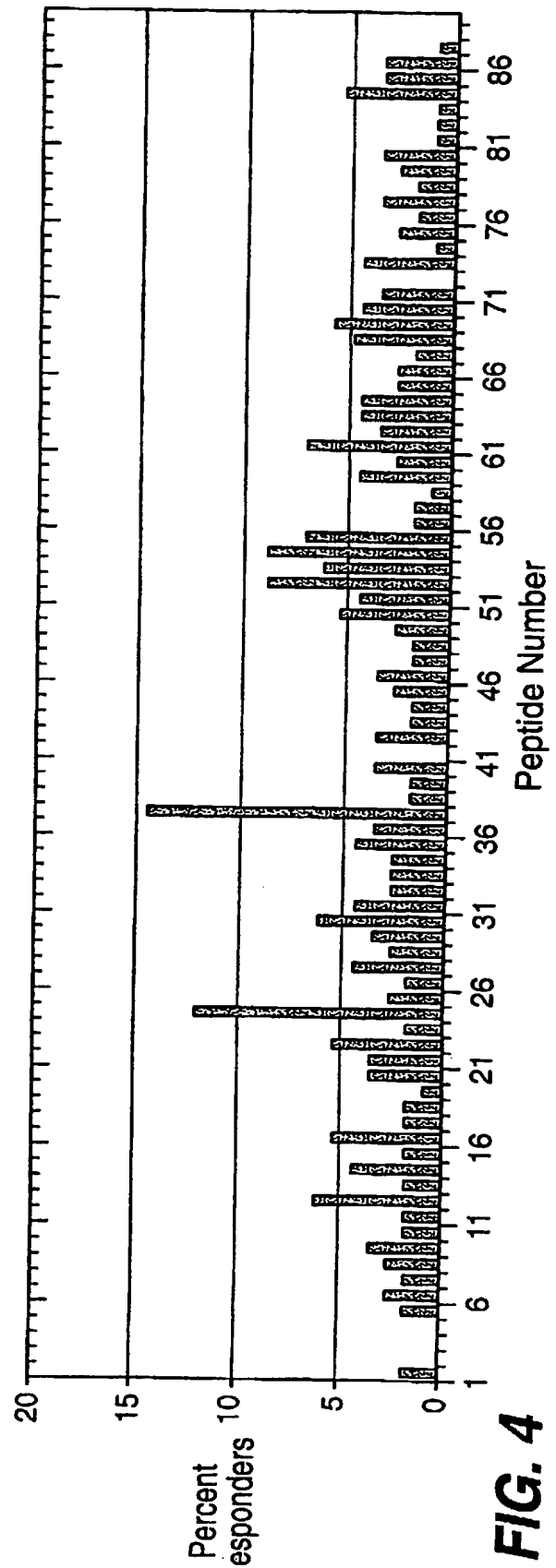
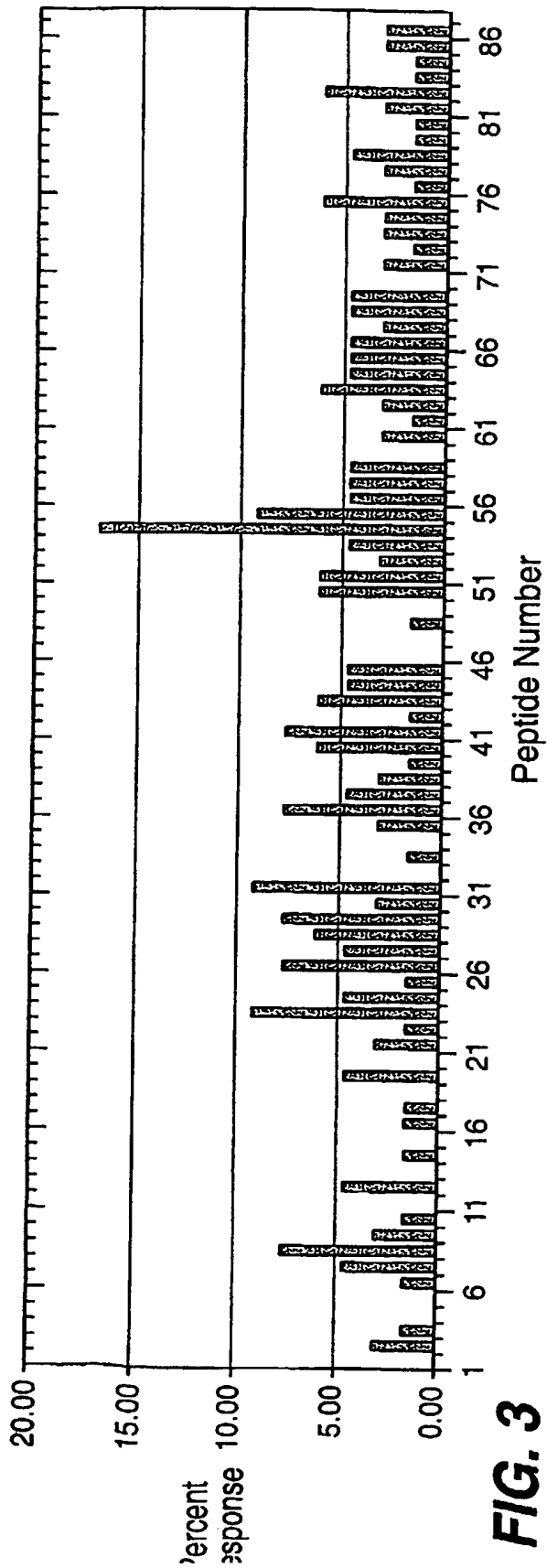
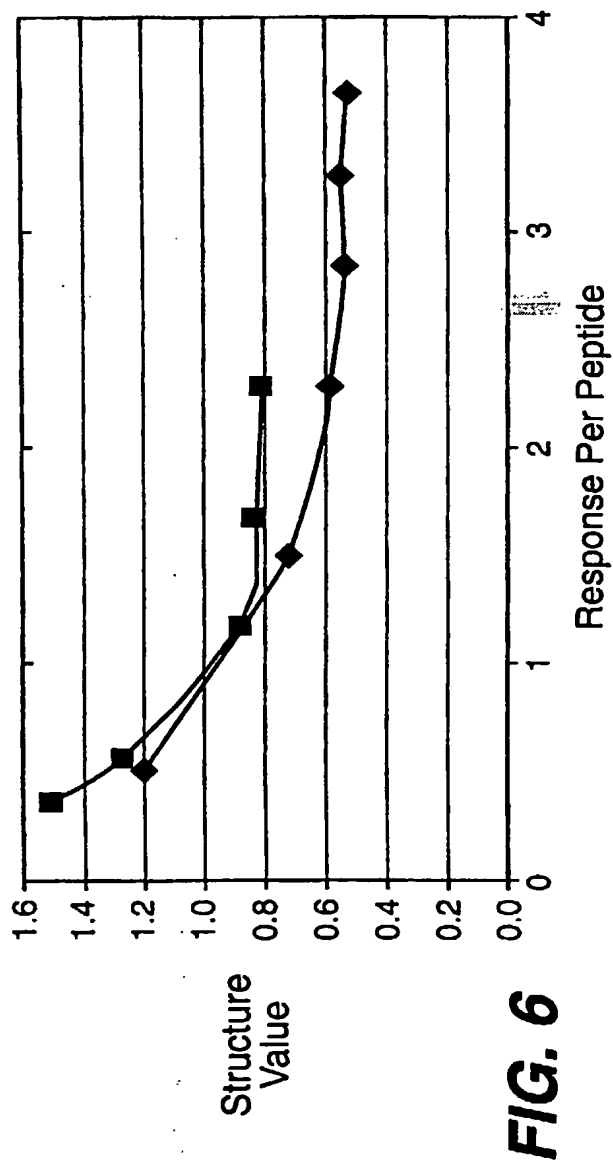
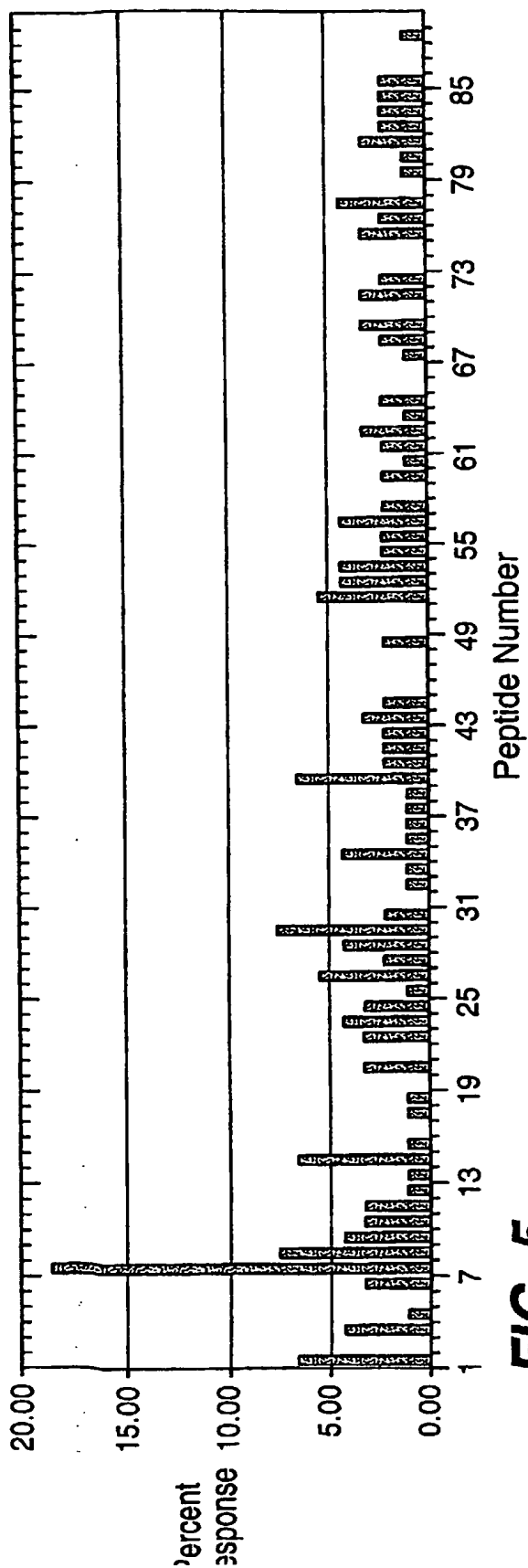


FIG. 2

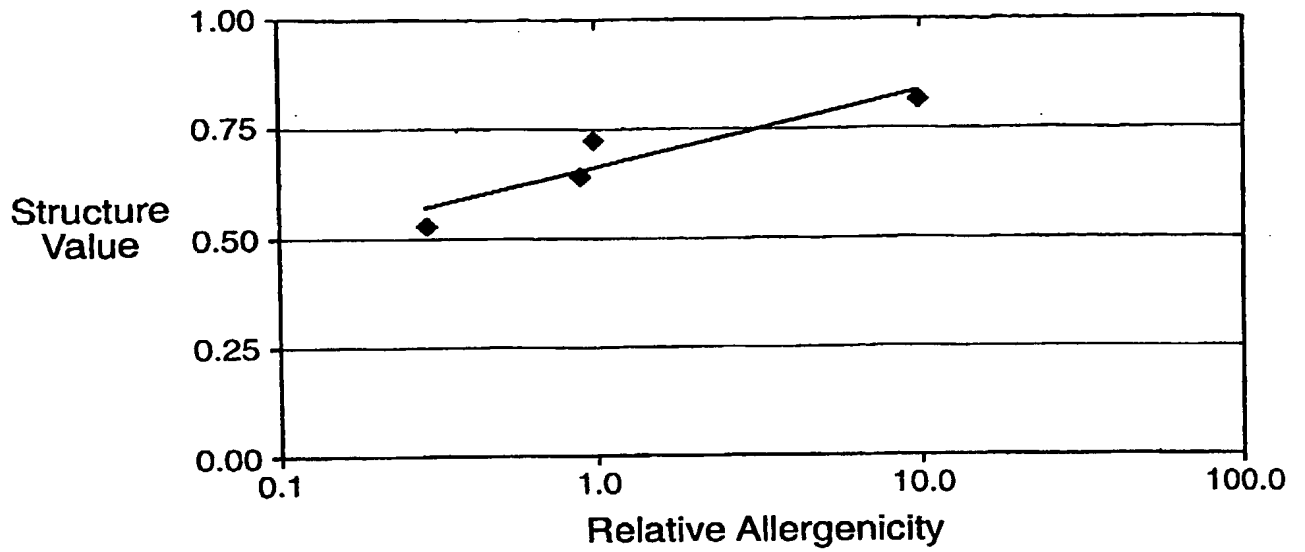
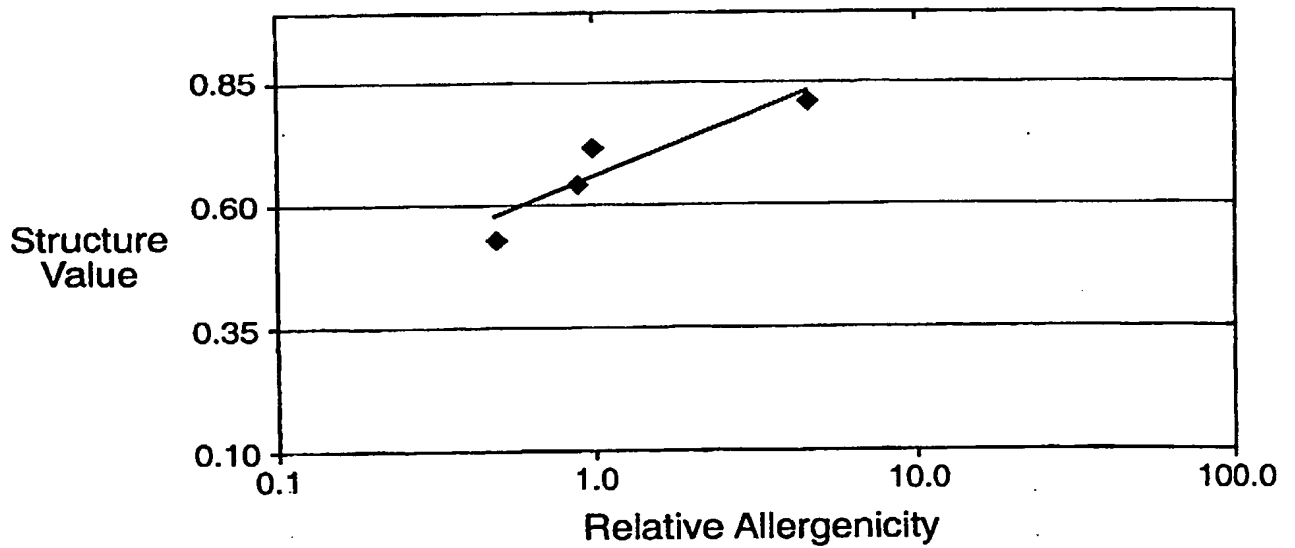
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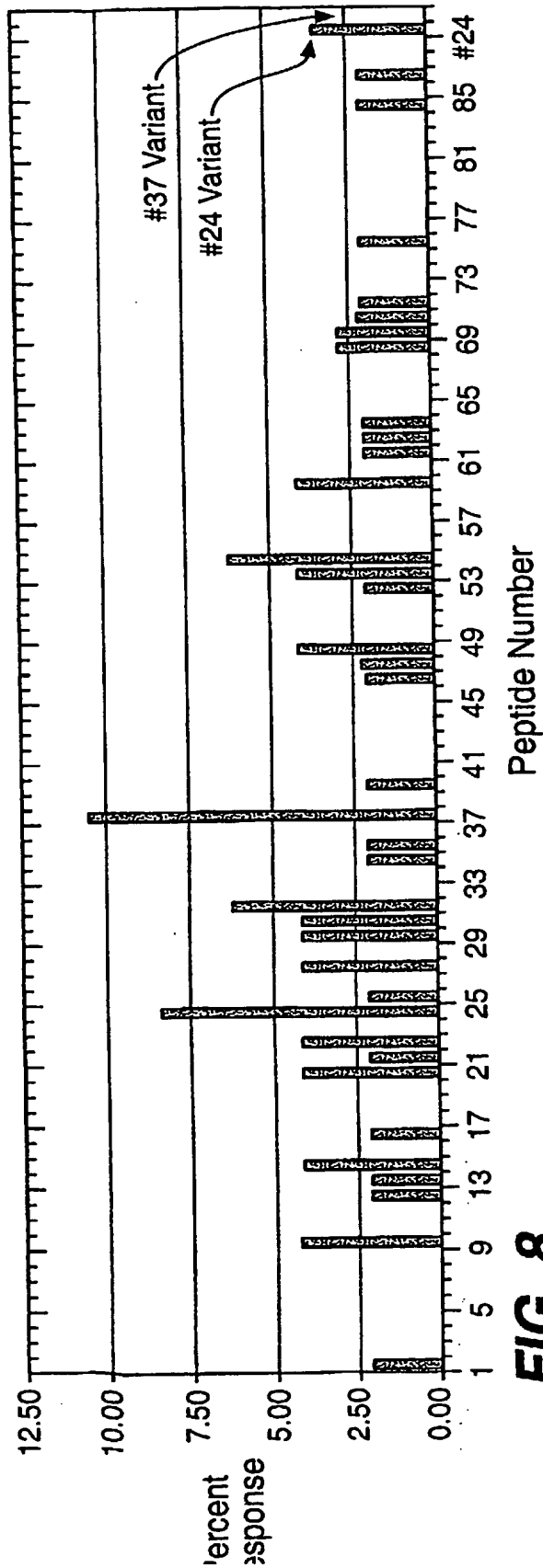
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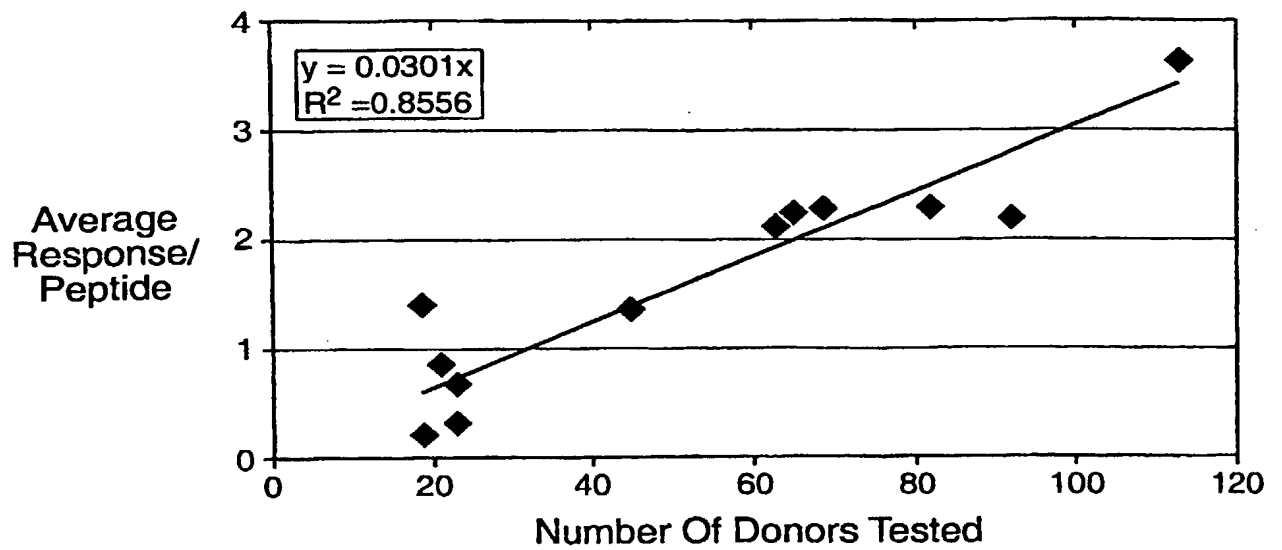
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**FIG. 7A****FIG. 7B**

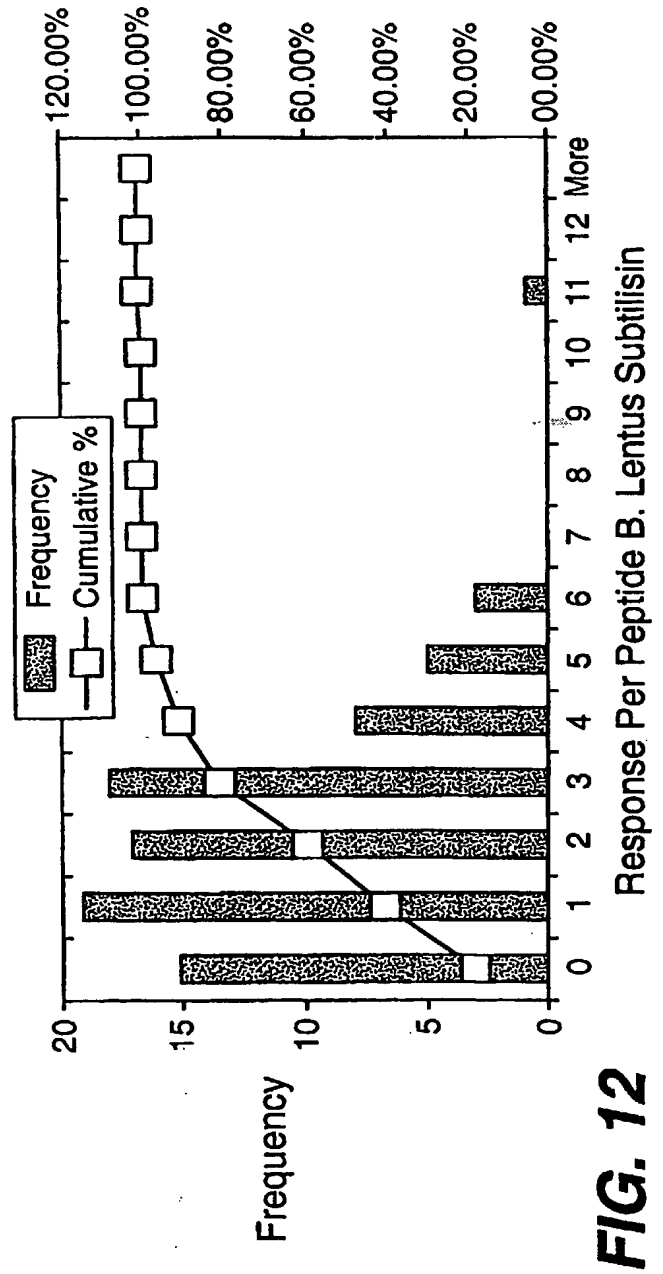
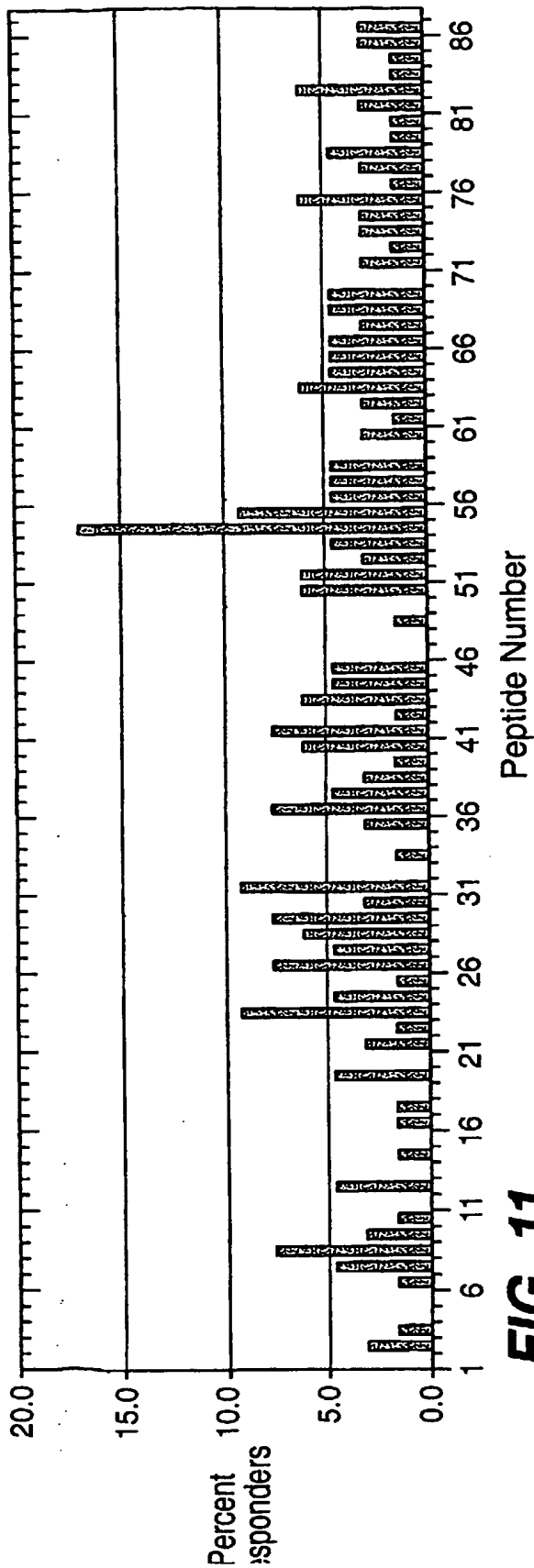
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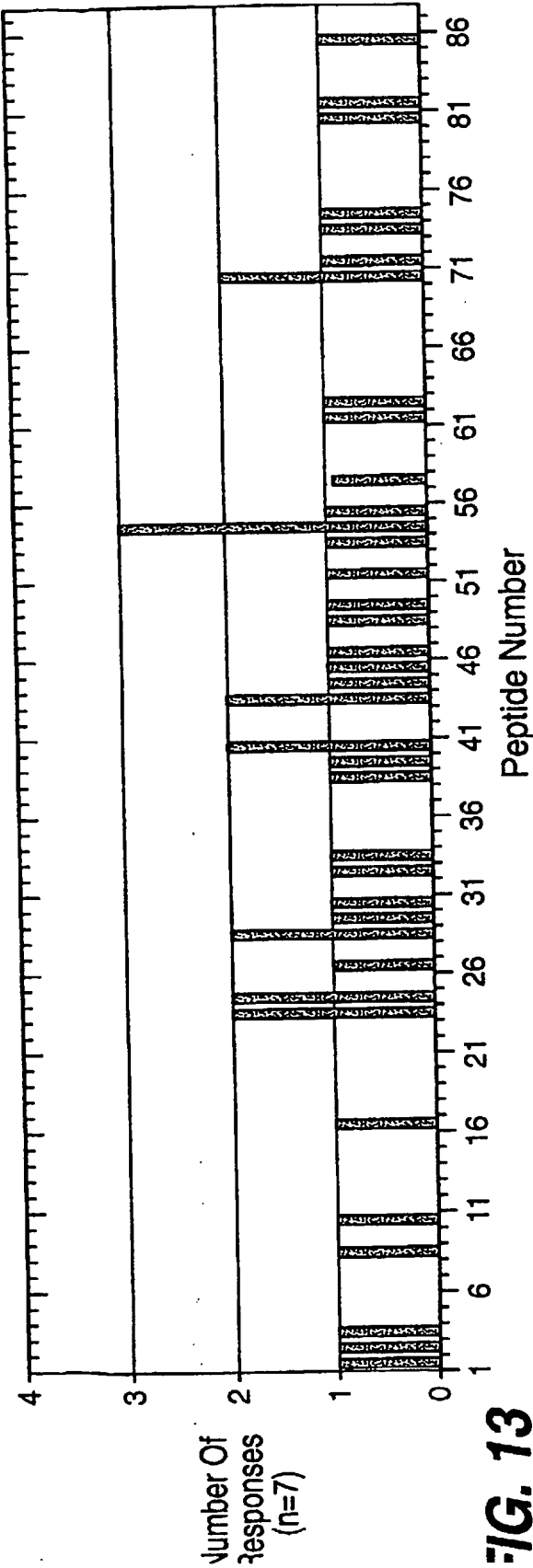


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**FIG. 10**

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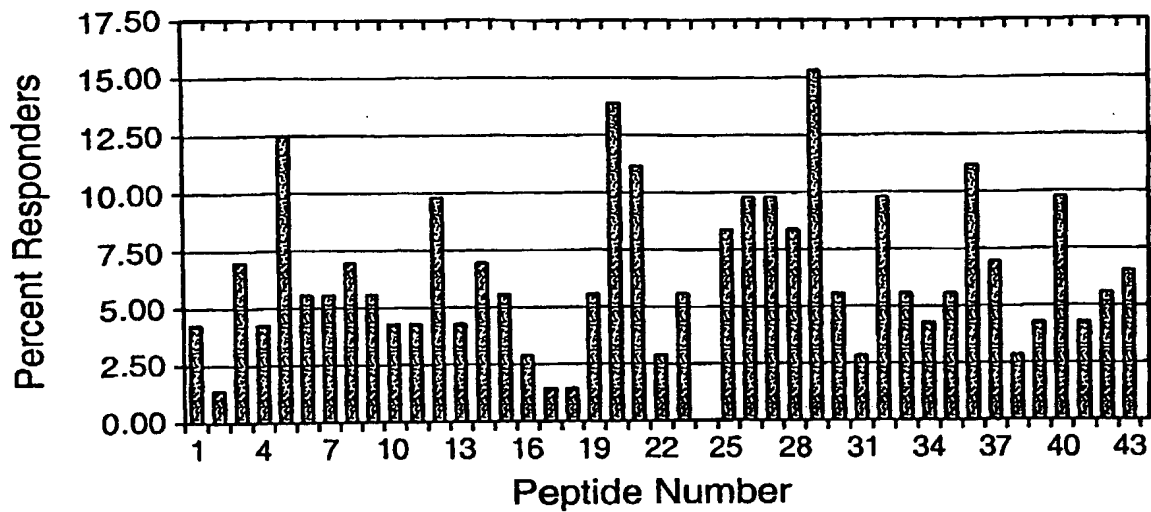
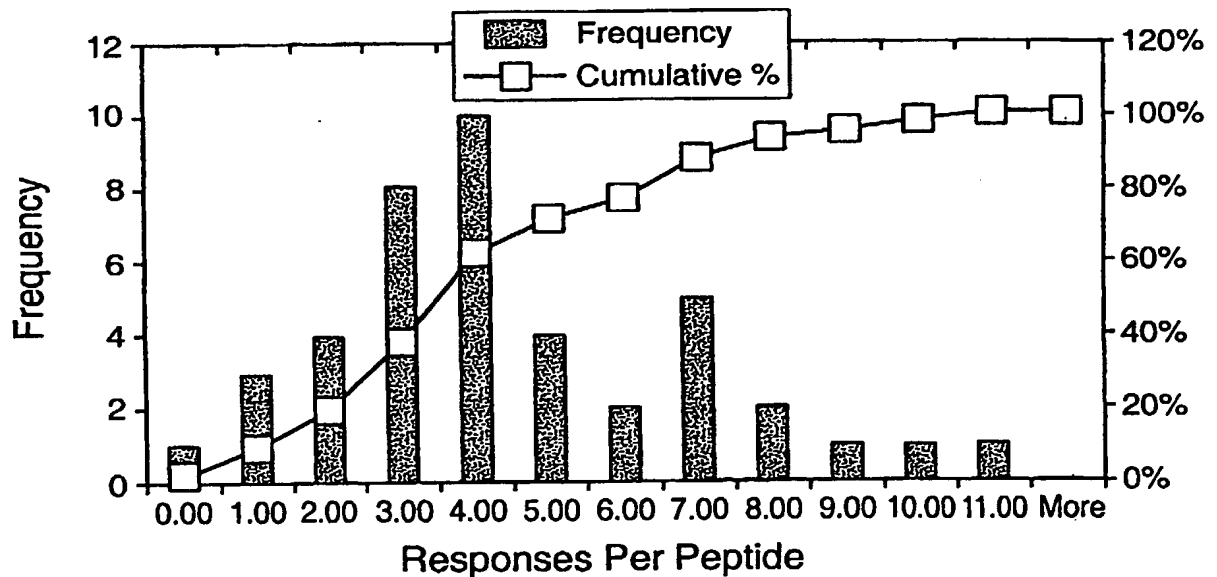




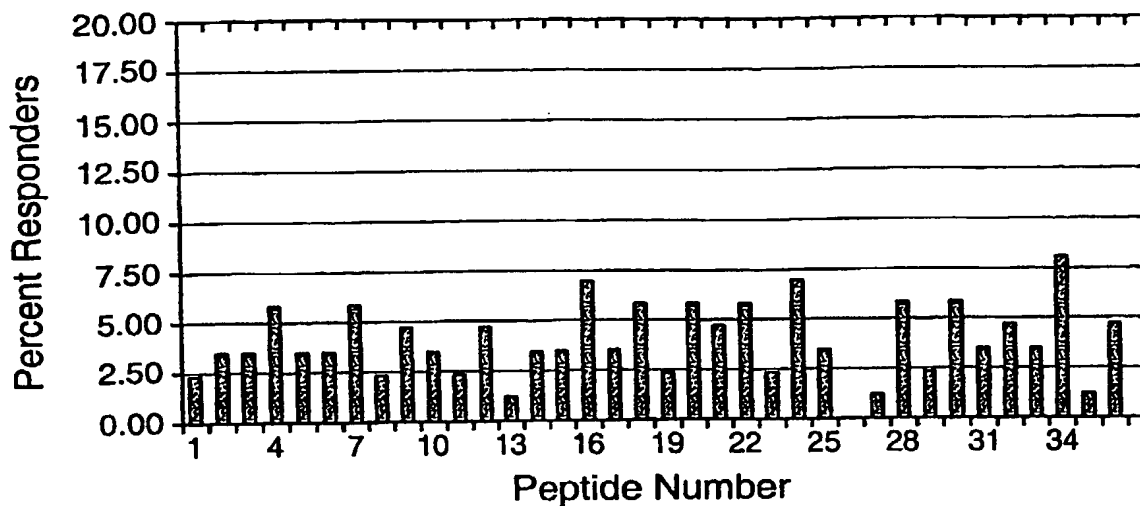
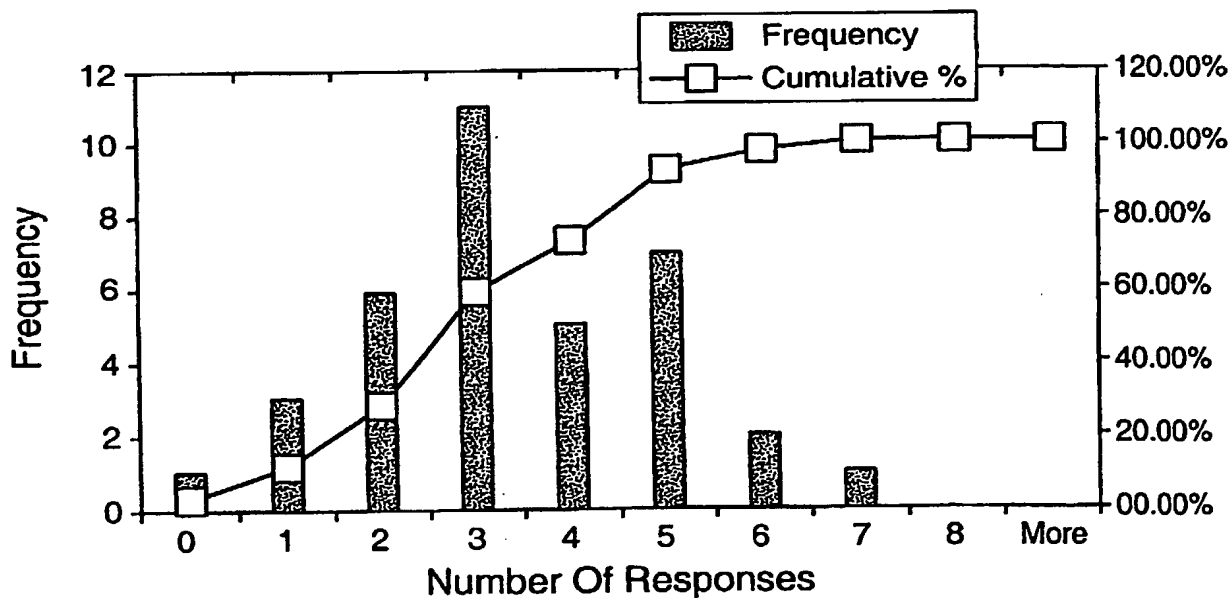
mune® HLA Associations Staphylokinase Peptide	HLA Association	p	HLA Increased	HLA Decreased	Warmerdam, et al (2002)*	
					Region	
5			DQ2		D1	DR3, 7, 2
20	DR2 (15)	p < 0.03	DQ6	DR7		
					F2	Dr1, 4
						0% vs 23%, p < 0.09
21			DR6 (13)		C3	DR2, 3, 4, 6, 7, 8
29	DR5 (11)	p < 0.01			n.f.#	n.f.#
36			DR3		D4	DR3, 6
					A5	DR2, 5, 6, 8
n.f.#						

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**FIG. 14A****FIG. 14B**

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**FIG. 16A****FIG. 16B**

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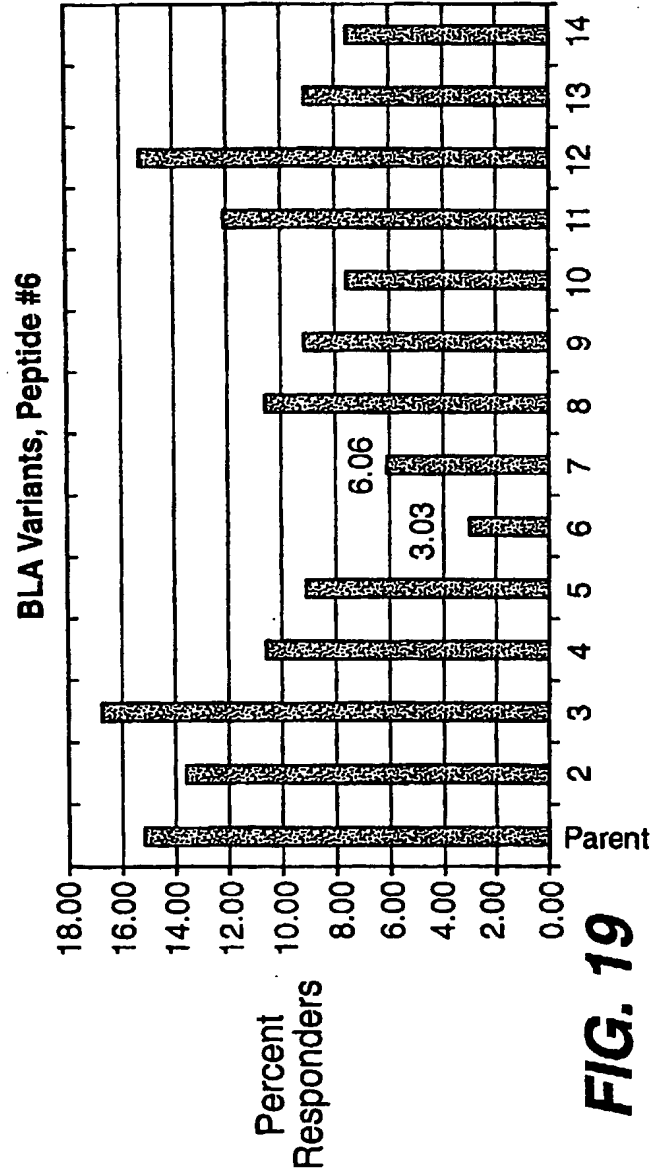
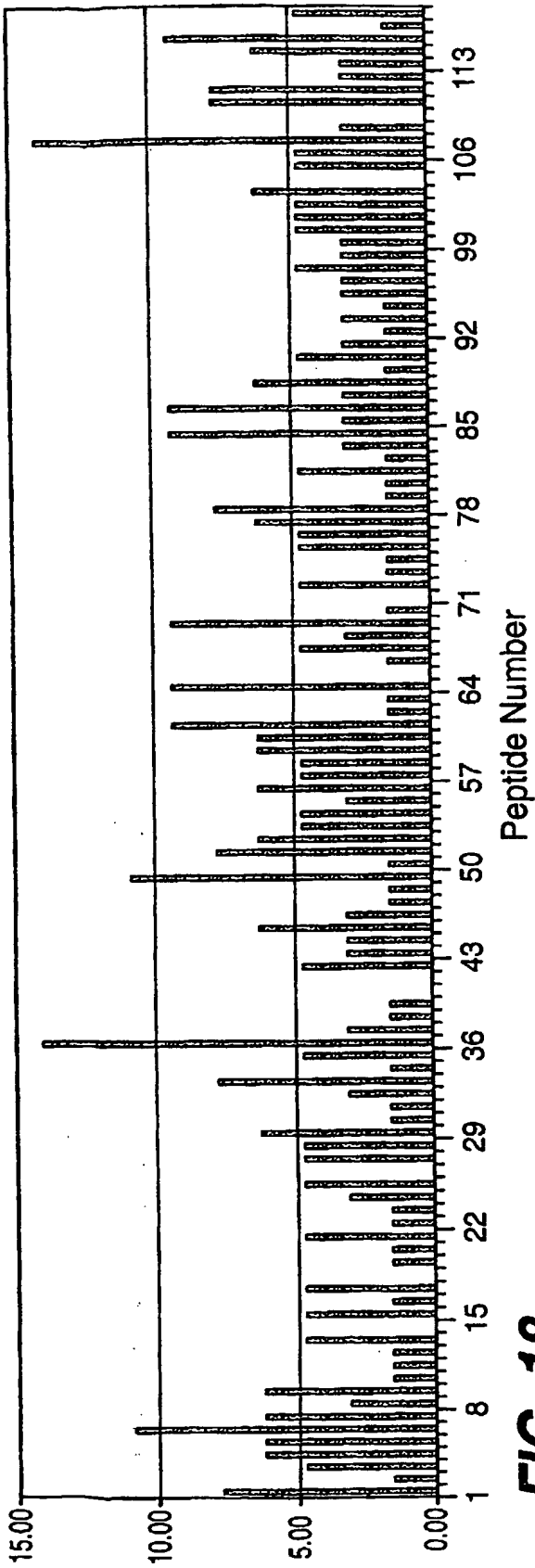
nM IC₅₀ For Binding To Purified HLA

Protein	DRB1										Degeneracy
	*0101 (DR1)	*0301 (DR3w17)	*0401 (DR4w4)	*0404 (DR4w14)	*0405 (DR4w15)	*0701 (DR7)	*0802 (DR8w2)	*0901 (DR9)	*1101 (DR5w11)	*1201 (DR5w12)	
BPN ^Y 217L.70	6.5	8737	33	5.7	166	154	1711	46	2382	80	n/18
BPN ^Y 217L.109	8.8	--	30	166	37	58	2192	43	3019	1235	
B. lentus 157	1065	16,433	4794	7575	6784	724	>16,333	1484	--	--	n/18
B. lentus .160	13	--	142	5542	1348	138	2033	164	5554	--	

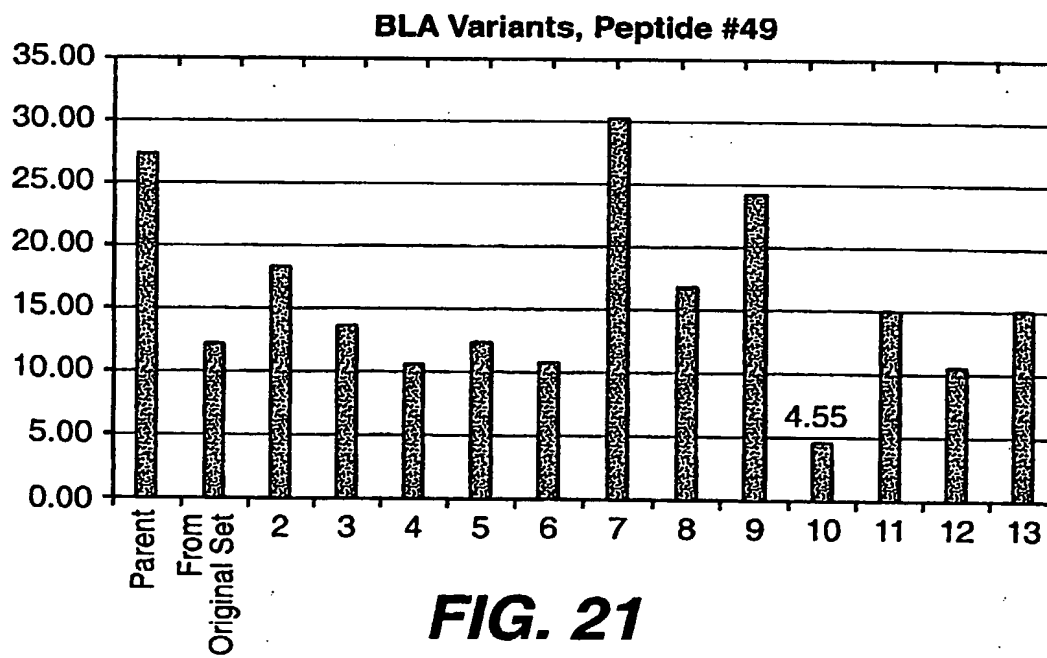
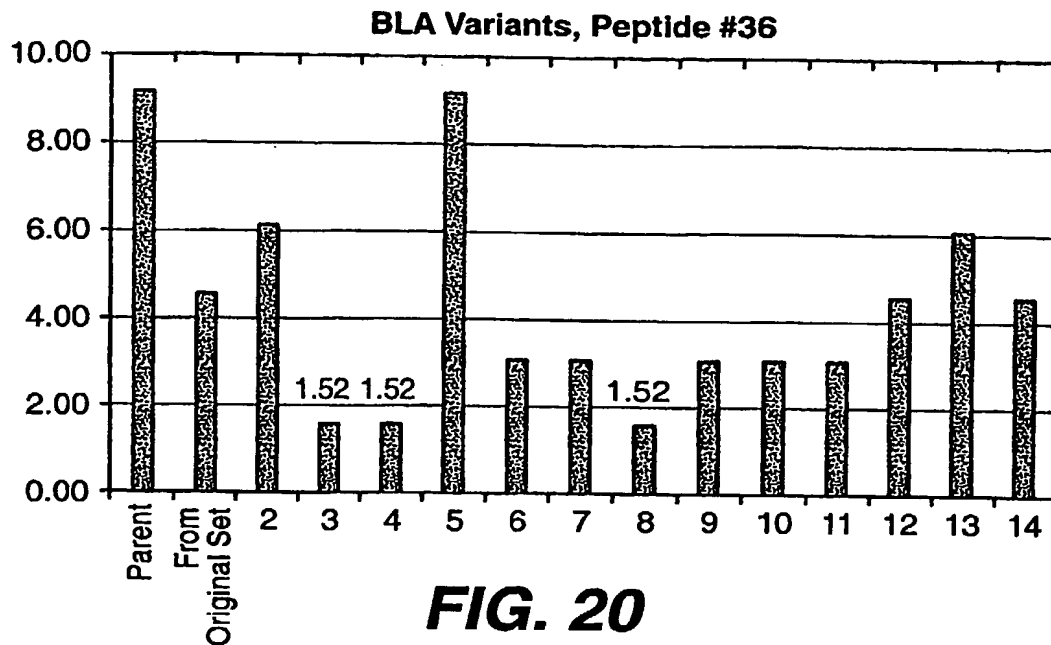
Protein	DRB3/4/5				DQ			Degeneracy
	*1501 (DR2w2β1)	*DRB3*0101 (DR52a)	*DRB4*0101 (DRw53)	*DRB5*0101 (DR2w2β2)	DQA1*0501/ DQB1*0201 (DQ2)	DQA1*0301/ DQB1*0301 (DQ3.1)	DQA1*0301/ DQB1*0302 (DQ3.2)	
0.69	21	2010	31	15,689	670	440	2069	12
9.8	683	119	1071	1024	97	2182	80	11
2009	865	>9434	>9667	--	6157	6009	5009	2
559	127	6157	8257	1726	1296	63	1046	7

FIG. 17

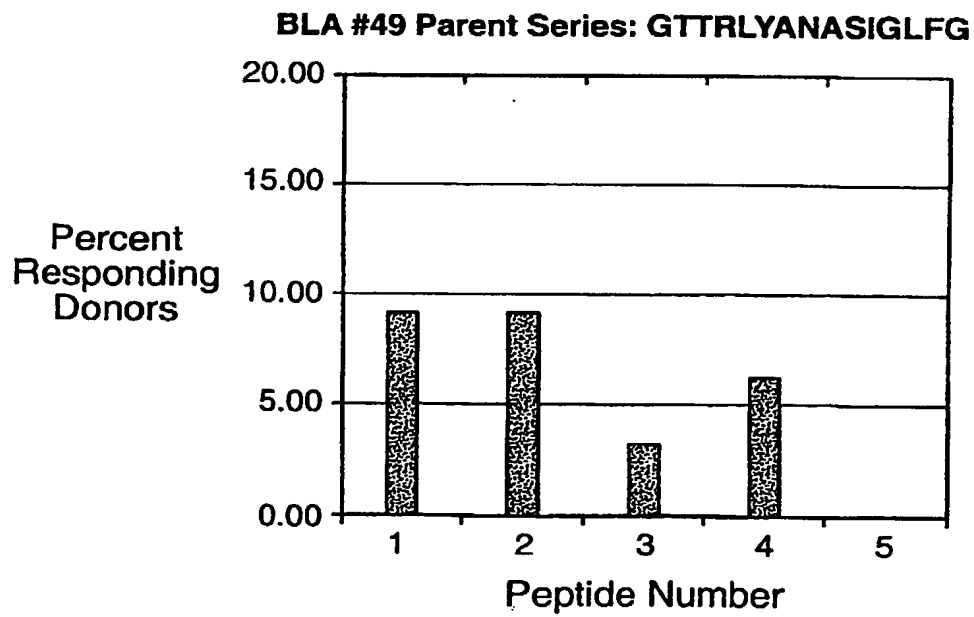
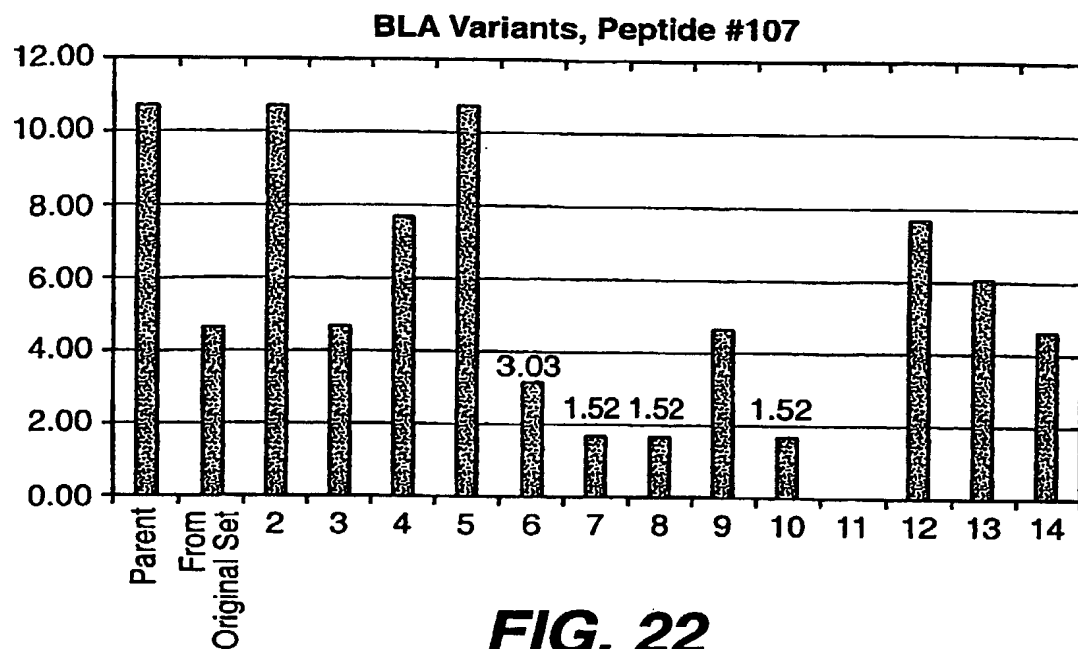
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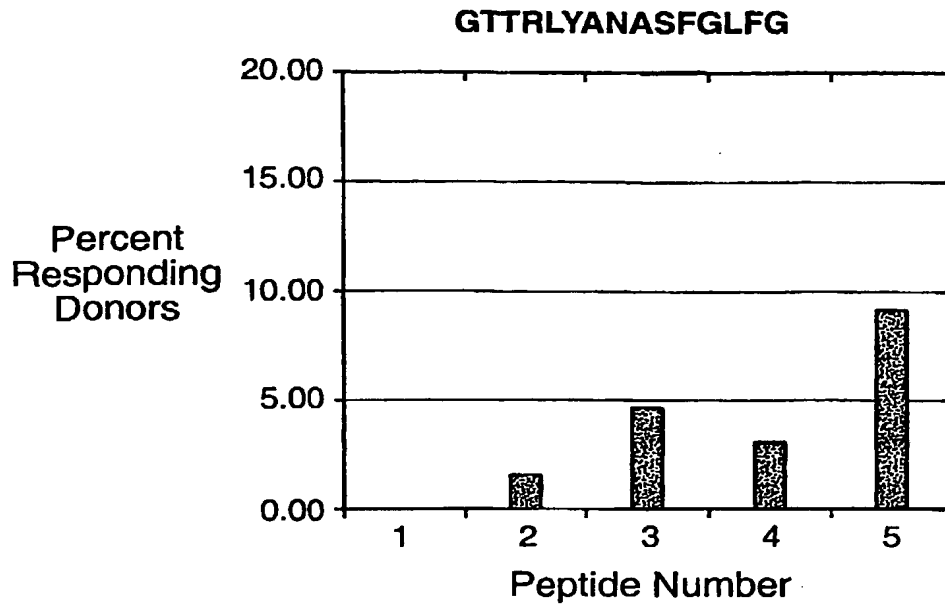
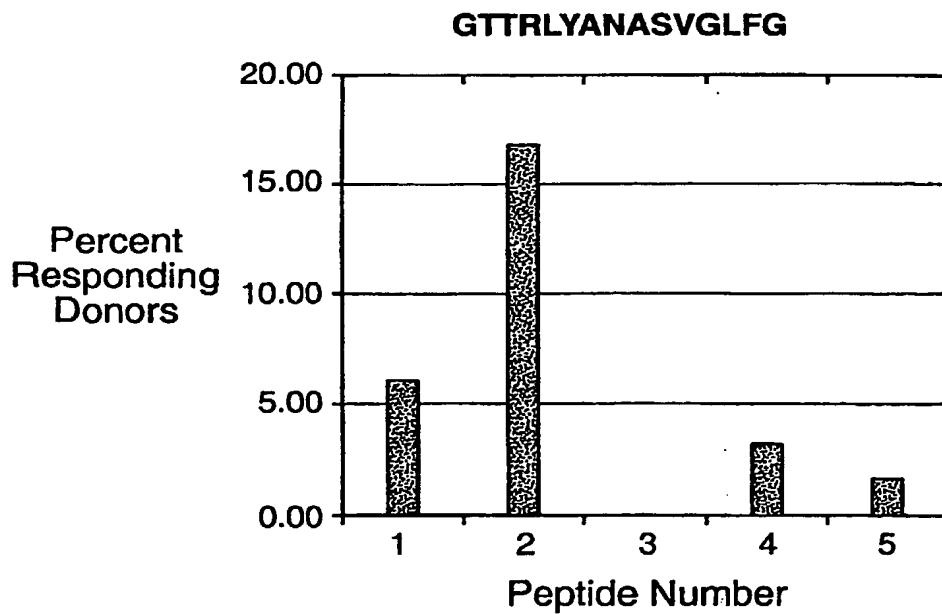
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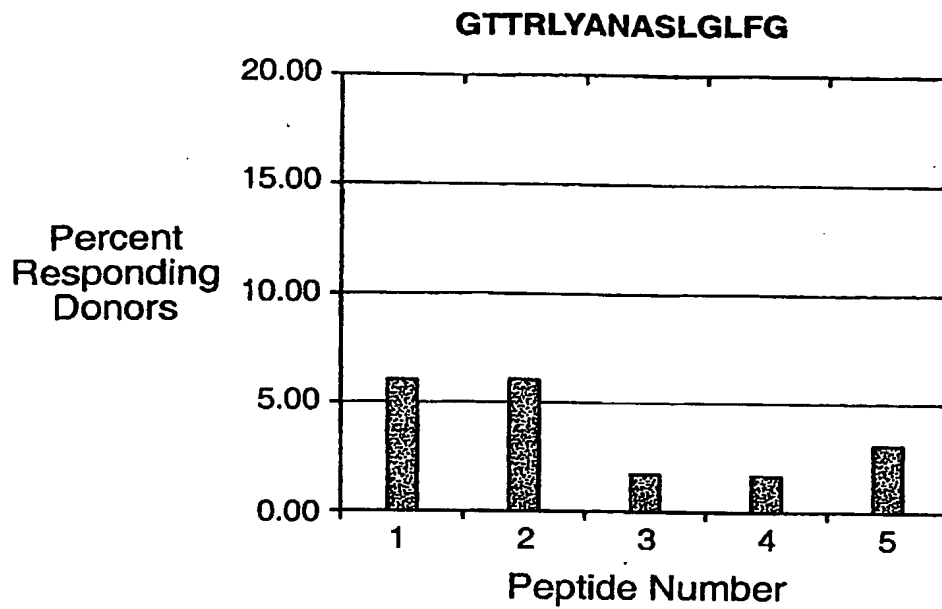
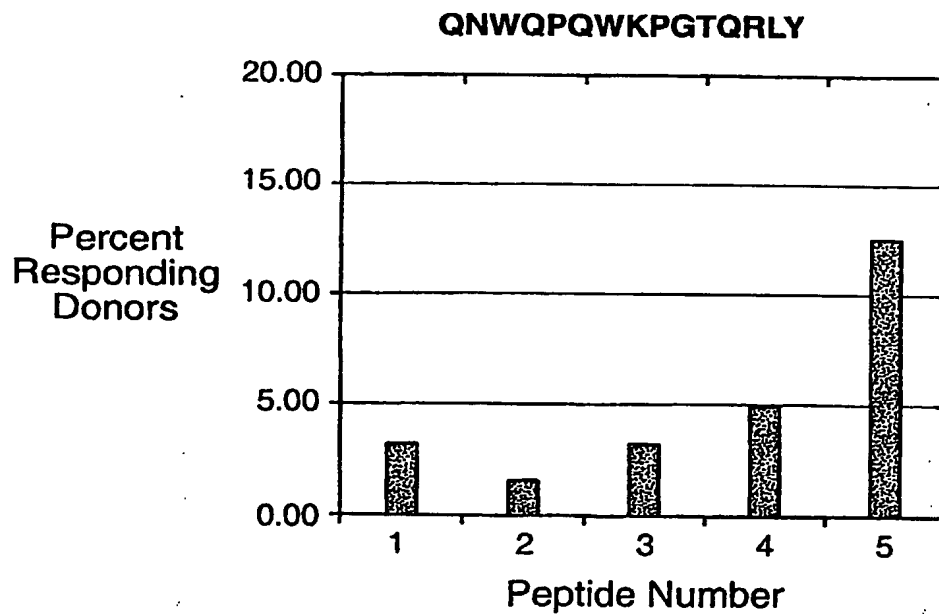
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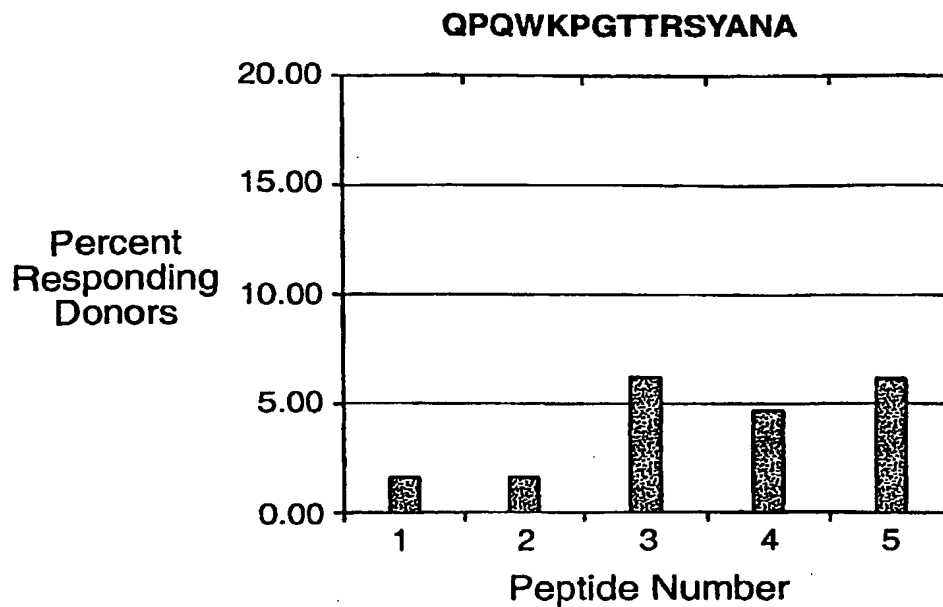
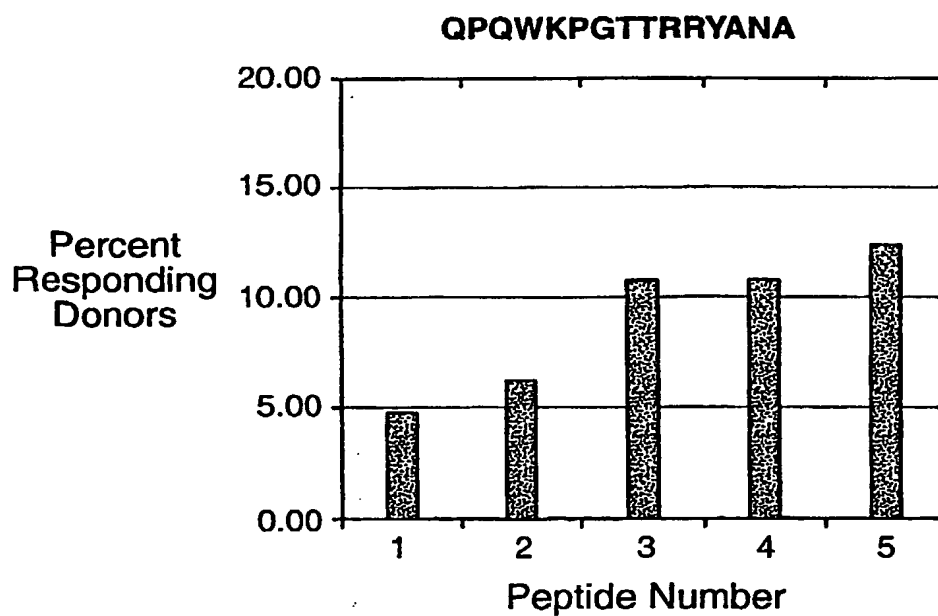
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**FIG. 24****FIG. 25**

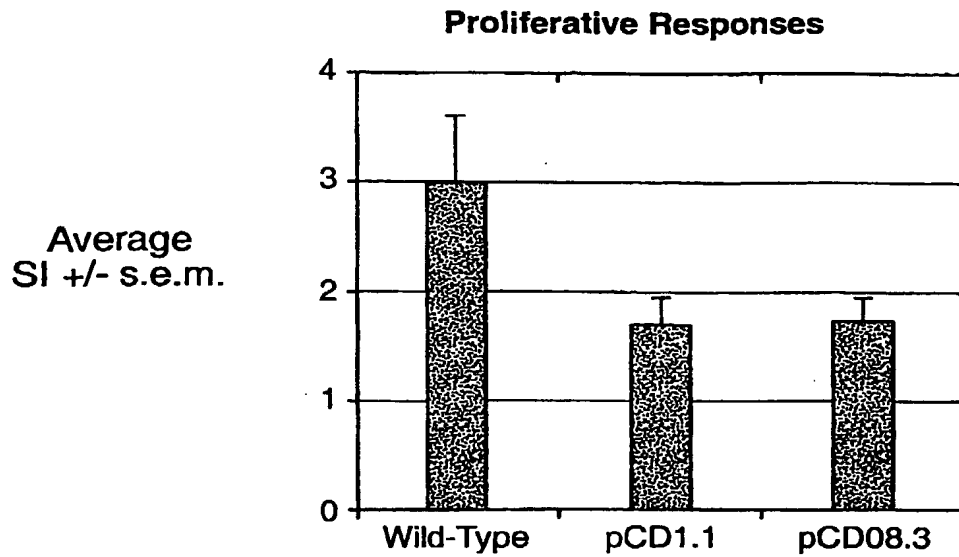
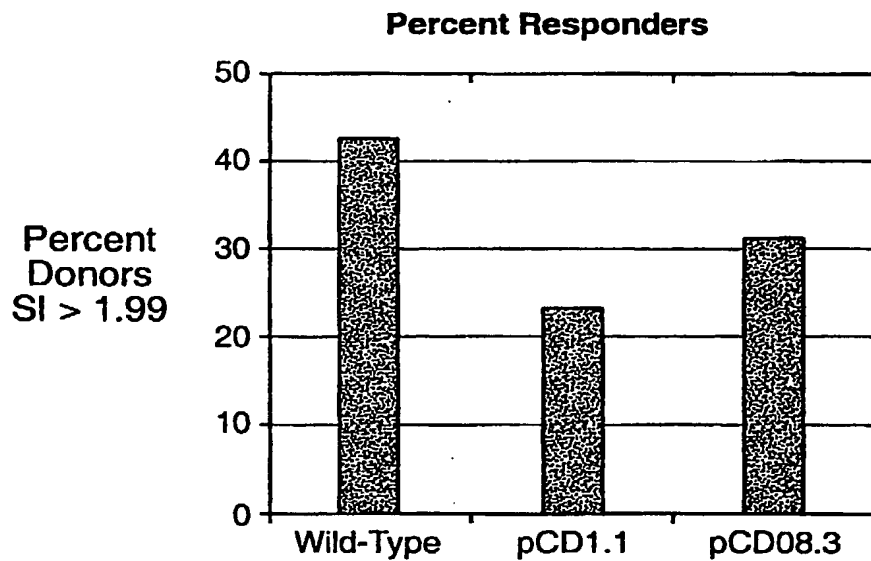
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**FIG. 26****FIG. 27**

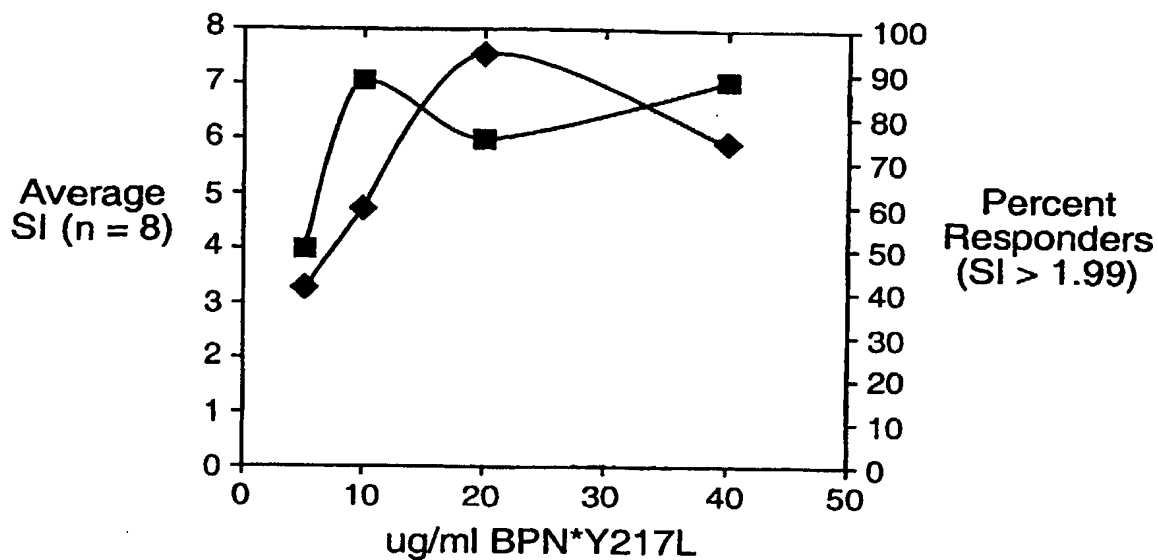
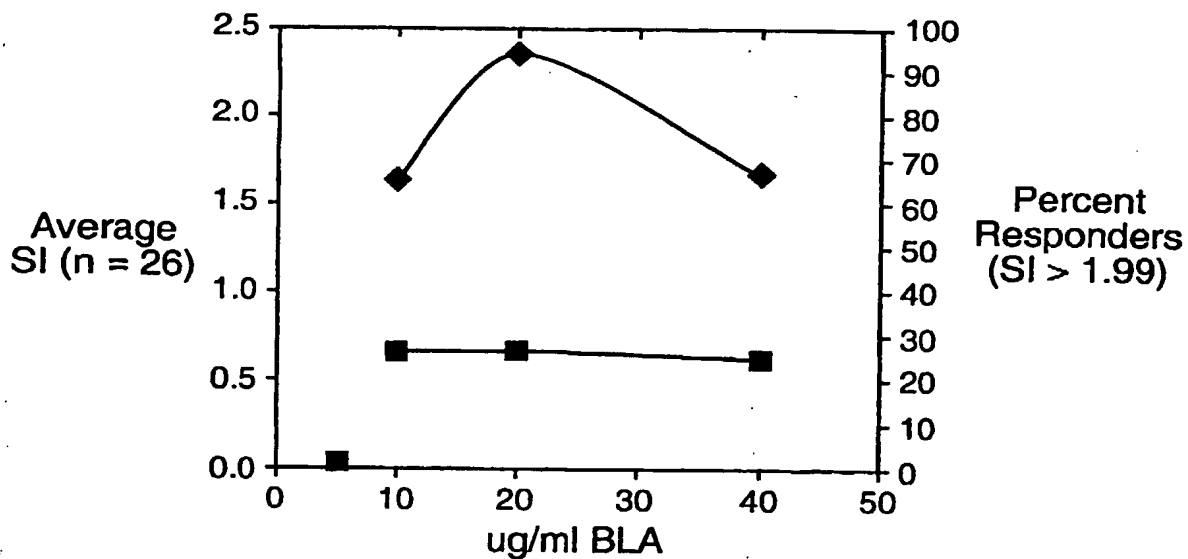
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**FIG. 28****FIG. 29**

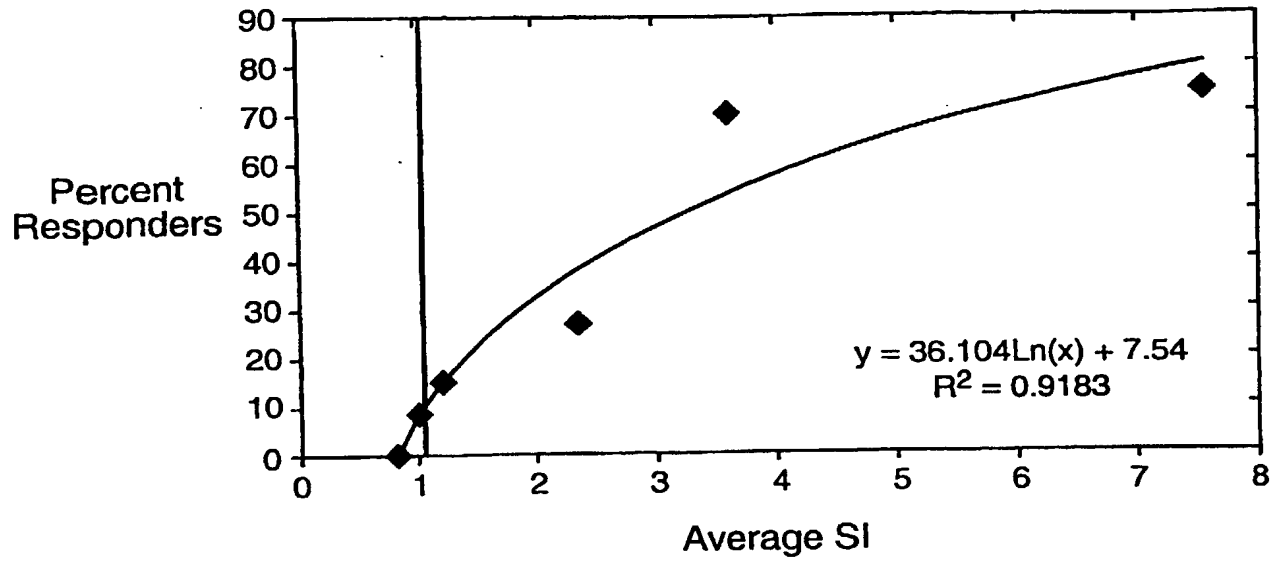
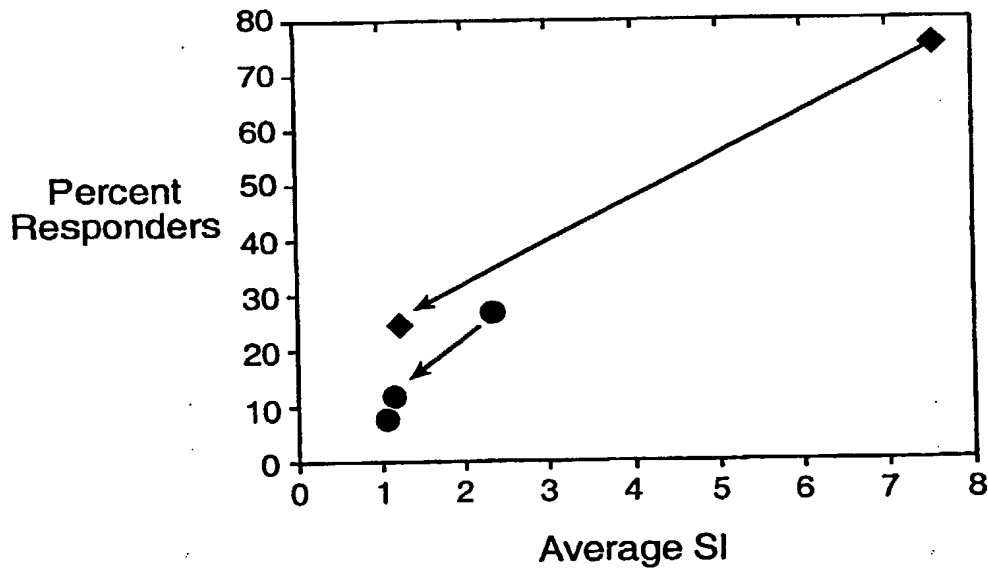
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**FIG. 30A****FIG. 30B**

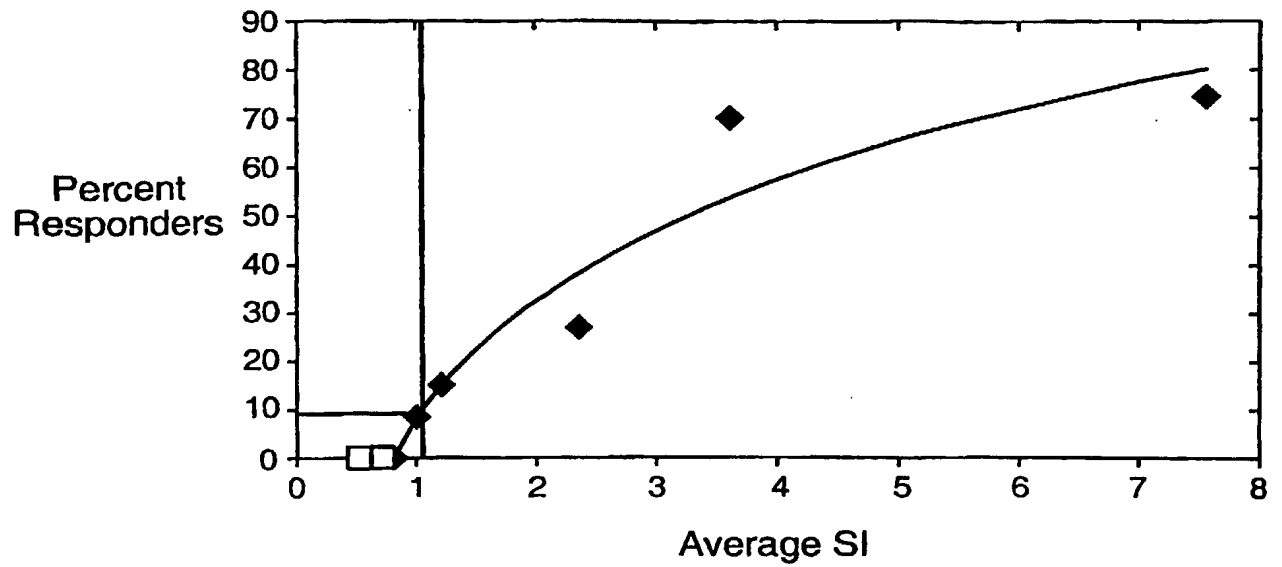
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**FIG. 31A****FIG. 31B**

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**FIG. 32****FIG. 33**

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**FIG. 34**